

Comparisons of Job Characteristics

Focus Occupation: General and Operations Managers (11-1021)

Associated Occupation: Computer and Information Systems Managers (11-3021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: General and Operations Managers (11-1021)

Associated Occupation: Computer and Information Systems Managers (11-3021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Computers and Electronics	8.4	20.0	12.1	<< Extensive education and/or training may be required
Administration and Management	8.4	15.7	17.3	> Current knowledge level is likely sufficient
Customer and Personal Service	11.3	15.7	16.4	0 Current knowledge level may be sufficient
Production and Processing	6.0	11.8	9.7	< Expanded education and/or training may be required
Personnel and Human Resources	5.6	11.2	15.2	>> Current knowledge level is likely more than sufficient
Telecommunications	3.9	10.9	4.9	<< Extensive education and/or training may be required
Economics and Accounting	4.4	9.7	13.0	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: General and Operations Managers (11-1021)

Associated Occupation: Computer and Information Systems Managers (11-3021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Monitoring	9.9	13.5	12.5	0 Current skill level may be sufficient
Systems Evaluation	6.4	12.2	9.2	<< Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	11.1	10.7	0 Current skill level may be sufficient

Systems Analysis	6.5	10.8	9.4	<	A higher skill level may be required
Negotiation	6.8	10.2	10.8	0	Current skill level may be sufficient
Operations Analysis	5.0	9.6	10.1	0	Current skill level may be sufficient
Management of Financial Resources	3.3	8.8	8.1	0	Current skill level may be sufficient
Management of Material Resources	3.7	8.5	9.2	0	Current skill level may be sufficient
Programming	2.2	6.9	1.8	<<	Extensive development of skills in this area may be required
Technology Design	2.6	5.9	2.4	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: General and Operations Managers (11-1021)					
Associated Occupation: Computer and Information Systems Managers (11-3021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Written Comprehension	11.0	15.1	13.2	<	Some improvement in abilities may be required
Written Expression	9.8	13.5	13.2	0	Current ability level may be sufficient
Deductive Reasoning	10.6	13.2	11.8	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	13.2	10.2	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	12.3	10.8	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	10.1	9.8	0	Current ability level may be sufficient
Originality	7.6	10.1	9.6	0	Current ability level may be sufficient
Memorization	5.6	7.3	5.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 74
Focus Occupation: General and Operations Managers (11-1021) Associated Occupation: Computer and Information Systems Managers (11-3021)		
Work Activities	Exclusivity of Activity	
Analyze operational or management reports or records	62	
Assign work to staff or employees	30	
Conduct or attend staff meetings	47	
Confer with other departmental heads to coordinate activities	61	

Develop policies, procedures, methods, or standards	21
Direct and coordinate activities of workers or staff	3
Hire, discharge, transfer, or promote workers	47
Monitor operational budget	78
Oversee execution of organizational or program policies	49

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 79

Focus Occupation: General and Operations Managers (11-1021)
Associated Occupation: Computer and Information Systems Managers (11-3021)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Duplicating machines	6
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.